



WHAT IS CLAIMED IS:

1. A CCD scanner for scanning at an arbitrary angle, comprising:

a frame body consisting of a top cover and a bottom housing, and

the top cover being provided with a glass;

a chassis mounted in the frame body and covered by the top cover;

and

at least one elastic locking bar swingably mounted on the chassis,

the at least one elastic locking bar being formed with two ends on which

contact members are mounted, and the contact members being in contact with

the top cover of the frame body.

2. The CCD scanner for scanning at an arbitrary angle in accordance

with claim 1, wherein the elastic locking bar is mounted on an end face of the

chassis.

3. The CCD scanner for scanning at an arbitrary angle in accordance

with claim 1, wherein each of the contact members mounted on the elastic

locking bar is a roller.

4. The CCD scanner for scanning at an arbitrary angle in accordance

with claim 1, wherein each of the contact members mounted on the elastic

locking bar is made of teflon.

5. The CCD scanner for scanning at an arbitrary angle in accordance

with claim 1, wherein each of the contact members mounted on the elastic

locking bar is in contact with an inner layer surface of the top cover.

6. The CCD scanner for scanning of an arbitrary angle in accordance

with claim 1, wherein each of the contact members mounted on the elastic

1 locking bar is in contact with an inner layer surface of the glass mounted on the
2 top cover.

3 7. The CCD scanner for scanning of an arbitrary angle in accordance
4 with claim 1, wherein the chassis is provided with a protruding shaft for
5 mounting of the elastic locking bar.

6 8. The CCD scanner for scanning of an arbitrary angle in accordance
7 with claim 1, wherein the chassis is provided with catch blocks mounted on
8 outer sides of the elastic locking bar.

9 9. The CCD scanner for scanning of an arbitrary angle in accordance
10 with claim 1, wherein the chassis is provided with at least one roller, and the
11 roller is in contact with the bottom face of the bottom housing of the frame
12 body.

13 10. The CCD scanner for scanning of an arbitrary angle in
14 accordance with claim 9, wherein the bottom face of the bottom housing of the
15 frame body is provided with a channel in order to function as a guide track
16 during movement of the roller mounted on the chassis.

17 11. The CCD scanner for scanning of an arbitrary angle in
18 accordance with claim 9, wherein the bottom face of the bottom housing of the
19 scanner is provided with a protruding track for supporting the roller mounted
20 on the chassis, and functions as a guide track during movement of the roller.